Ref 2607

No. 1. January 1st to 14th, 1914.

Manila, P.I.

Seismological Bulletin of the Observatory.

$\varphi = 14°34'41''$ N. $\lambda = 120°58'33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{r}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
1	6	II_d	eP	13 18 07					Southern Luzon.
			L	18 20					
			M_N	18 29	1	1,500			
			M_E	18 29	1		1,939		
			F	24					
2	8	I_v	iP	5 20 15					Southern Luzon.
			L	20 32					
			M_N	20 35	1	575			
			F	30					
3	11	I	e	9 17 41					
			F	32					
4	11	I_v	e	13 40 00					
			F	46					
5	11	I_v	eP	21 02 42					
			F	07					
6	12	I_r	eP	9 32 33					
			eS	36 17	5-6				
			eL	40 00	7-8				
			M_N	46 12	10	55			
			M_E	49 19	11		73		
			F	10 52					
7	12	I_v	eP	11 12 43					
			L	13 05					
			M_N	13 10	2-3	42			
			F	15					
8	12	I_v	eP	12 26 37					Northern Luzon.
			L	27 32					
			M_N	27 44	3	32			
			F	33					
9	14	I_r	eP	4 39 16					
			eS	41 51					
			eL	43 45					
			M_N	44 31	9	40			
			M_E	45 51	10		33		
			F	5 07					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 2. January 15th to 31st, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	δ	$\frac{T}{T_0^2}$
A_N	6.4	4.4	0.045
A_E	6.3	3.5	0.052

No.	Date.	Character	Phase.	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
10	15	I	e	19 28 48					
			F	20 04					
11	16	I	e	12 14					
			F	28					
12	18	I	e	10 47					
			F	11 02					
13	20	I_v	eP	12 09 00					
			L	18 00					
			M_E	19 57	9		16		
			F	52					
14	20	I_v	eP	16 43 35					East-southeastern Luzon.
			L	44 16					
			M_N	44 36	3	152			
			M_E	45 12	3		177		
			F	57					
15	21	I	e	17 33					
			F	55					
16	23	I	e	0 12 46					
			F	20					
17	23	II_d	eP	20 11 27					Southern Luzon.
			L	11 45					
			M_N	12 07	3	780			
			F	22					
18	26	I	e	22 28 22					
			F	23 07					
19	28	I_v	eP	7 41 32					
			F	44					
20	30	I_r	e	3 56 05					
			F	6 17					
21	31	II_d	eP	2 05 31					Maximum and end lost by the pens thrown off through of the force of shock.
22	31	I	e	13 17 51					
			F	46					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 3. February 1st to 12th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. h = 2.40 m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{T}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date.	Character.	Phase.	Greenwich mean time	Period	Amplitude. A_N μ	Amplitude. A_E μ	Δ	Remarks.
23	2	I_v	eP	1 49 24					
			L	50 23					
			M_N	50 39	4	75			
			M_E	50 39	4		102		
			F	59					
24	2	I_v	eP	5 31 30					Southeastern Luzon.
			L	32 10					
			F	43					
25	3	I	e	11 49					
			F	12 05					
26	4	I_v	eP	1 48 31					
			L	48 45					
			M_N	48 46	1	80			
			M_E	48 48	1		73		
			F	52					
27	6	I	e	11 51 28					
			F	12 20					
28	6	I	e	14 11					
			F	28					
29	7	I_r	eP	6 56 24					
			L	7 02 00					
			M_E	03 38	8		16		
			F	35					
30	8	I	eP	15 44 46					
			F	55					
31	8	I_v	eP	17 52 49					
			L	53 16					
			F	18 04					
32	10	I	e	11 40					
			F	12 08					
33	12	I	e	8 53					
			F	9 02					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 4. February 12th to 16th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{T}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date.	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
34	12	I	e	9 43					
			F	53					
35	12	I	e	18 37 30					
			F	52					
36	13	I_v	eP	16 17 20					
			F	23					
37	14	I	e	7 16					
			F	35					
38	14	I_v	eP	7 40 03					Northwestern Luzon.
			L	40 42					
			F	49					
39	14	I_v	eP	12 49 23					
			L	49 34					
			F	52					
40	15	I_r	eP	1 26 22					
			L	34 34					
			M_E	34 50	6		49		
			M_N	35 07	5-6	42			
			F	2 05					
41	16	I_v	eP	1 34 14					
			L	34 30					
			M_E	34 32	0.5		102		
			F	38					
42	16	I_v	eP	5 33 52					
			L	34 58					
			M_N	35 07	5	75			
			M_E	35 07	5		41		
			F	40					
43	16	I	e	6 08					
			F	7 03					
44	16	I	e	11 34					
			F	12 19					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 5. February 17th to 25th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14°34'41''$ N. $\lambda = 120°58'33''$ E. h = 2.40 m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{T}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date.	Character	Phase.	Greenwich mean time.	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
45	17	I_v	eP	17 15 13					
			F	18					
46	18	I	e	6 52 40					
			F	7 02					
47	19	I_v	eP	4 20 13					
			L	20 23					
			F	23					
48	20	I_v	eP	4 27 51					Northeastern Mindanao.
			eS	29 28					
			eL	31 08					
			M_N	32 00	5-6	50			
			M_E	32 07	6		41		
			F	5 04					
49	20	I_v	eP	9 38 08					Northeastern Mindanao.
			eS	39 50					
			eL	41 15					
			M_N	41 55	9	65			
			M_E	41 58	8		41		
			F	10 34					
50	22	I_v	eP	12 04 11					Western Luzon.
			L	04 36					
			M_N	04 40	1	90			
			F	14					
51	23	I	e	4 04 36					
			F	25					
52	24	I_v	eP	11 52 18					Western Mindanao.
			eS	54 06					
			L	55 15					
			M_E	12 00 22	9		53		
			M_N	00 40	9	48			
			F	34					
53	24	I_v	eP	21 50 08					
			L	50 25					
			F	53					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 6. February 26th to 28th, 1914.

Manila, P.I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{T}{T_0^2}$
A_N	6.4	4.4	0.045
A_E	6.3	3.5	0.052

No.	Date.	Character.	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
54	26	I_v	eP	3 38 50					
			L	40 55					
			F	51					
55	26	I_v	eP	4 49 02					
			L	50 04					
			M_E	50 17	5		102		
			F	59					
56	26	I_r	eP	5 18 06					
			eS	23 32					
			eL	28 23					
			M_E	34 49	8		35		
			M_N	35 00	8-9	45			
			F	7 03					
57	28	I_r	ePS	6 47 52					
			L	50 12					
			F	7 35					

M. Saderra M.

International Seismological Centre From the ISC collection scanned by SISMOS

No. 7. March 1st to 13th, 1914.

Manila, P.I.

Seismological Bulletin of the Observatory:

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. (Alluvium.

Instrument: Wiechert's static pendulum (1.000 Kg.)

	T_0	ε	$\frac{\varepsilon}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date.	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
58	4	I	e	13 24					
			F	51					
59	4	I	eP	15 31 00					
			F	16 56					
60	4	I	e	18 40					
			F	19 28					
61	6	I_v	eP	19 14 37					
			S	21 55					
			L	28 24					
			M_N	44 16	15	8			
			F	20 24					
62	6	I	e	20 50 52					
			F	21 14					
63	7	I_v	iP	11 26 05					
			eS	27 22					
			eL	29 16					
			M_E	30 28	6		31		
			F	51					
64	7	I	eP	16 02 53					
			F	19					
65	10	I_v	eP	16 30 14					
			F	33					
66	12	I_v	eP	17 41 48					Felt western Luzon.
			L	42 16					
			F	45					
67	13	I	e	4 43 00					
			F	5 25					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 8. March 14th to 18th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{\varepsilon}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date.	Character	Phase	Greenwich mean time.	Period	Amplitude A_N μ.	Amplitude A_E μ	Δ	Remarks.
68	14	I_r	eP	20 06 22					Akita Province, Japan.
			S	11 47					
			L	16 32					
			M_E	23 35	13-14		59		
			M_N	23 42	13-14	58			
			F	21 13					
69	15	I_v	eP	17 16 22					
			F	19					
70	16-17	II_v	eP	22 44 43					Felt in Samar, Leyte, Panay Islands and southeastern Luzon.
			iL	45 32					
			M_N	50 49	1-2	1,775			
			M_E	50 50	1-2		918		
			F	0 22					
71	17	I_v	eP	6 49 12					
			L	50 11					
			F	59					
72	17	I_v	eP	16 56 48					
			L	58 38					
			M_N	17 00 52	7	438			
			F	35					
73	18	I_r	eP	4 29 15					
			eS	33 00					
			eL	36 34					
			M_E	39 26	6-7		29		
			F	5 34					
74	18	I_r	eP	6 27 02					
			S	30 42					
			L	34 00					
			M_E	36 47	8		13		
			F	7 30					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 9. March 18th to 28th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{\varepsilon}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date.	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
75	18	I_v	eP	12 17 15					
			L	17 39					
			M_N	17 41	1	52			
			F	24					
76	21	I_v	eP	15 08 56					Northeastern Luzon.
			F	14					
77	22	I	ePS	18 16 00					
			L	18 29					
			M_N	19 29	6	25			
			F	50					
78	25	I_v	eP	8 26 21					
			L	26 44					
			F	29					
79	25	I	e	8 21 33					
			F	43					
80	25	I_v	eP	17 52 12					
			L	52 35					
			F	56					
81	28	I_v	eP	7 25 34					
			L	25 48					
			M_E	25 51	1		20		
			F	29					
82	28	I_v	eP	7 32 24					
			L	32 39					
			M_E	32 47	1-2		49		
			F	41					
83	28	I_v	eP	8 42 06					
			L	42 16					
			F	45					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 10. March 28th to 31st, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 36' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{\gamma}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
84	25	I_v	eP	9 18 16					
			L	18 28					
			F	21					
85	28	I_r	eP	10 49 36					
			eS	54 54					
			eL	59 08					
			M_N	11 00 12	11	125			
			M_E	01 50	12		82		
			F	52					
86	30	I	e	1 01					
			F	2 54					
87	31	I	eP	0 29 53					
			L	31 30					
			F	46					

M. Cadena M.

International Seismological Centre From the ISC collection scanned by SISMOS

No. 11. April 1st to 2nd, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14°34'41''$ N. $\lambda = 120°58'33''$ E $h = 2.40$ m. (Illinois.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{r}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
88	1	I_v	eP	22 13 00					Felt in Bolinao and Baguio (W of Luzon).
			L	13 23					
			M_N	13 26	3	70			
			F	19					
89	2	I_v	eP	13 33 49					
			L	34 04					
			F	38					
90	2	I_v	eP	13 56 11					
			L	56 26					
			F	14 00					
91	2	II_d	eP	17 49 40					Registered at Ambulong (S of Luzon).
			L	49 55					
			M_N	50 10	3-4	1,250			
			F	18 12					
92	2	I_v	eP	18 01 47					
			F	04					
93	2	I_v	eP	18 15 43					
			L	15 58					
			F	20					
94	2	I_v	eP	18 21 32					
			L	21 47					
			F	25					
95	2	I_v	eP	18 41 07					
			L	41 22					
			M_N	41 32	1-2	65			
			F	47					
96	2	I_v	eP	19 06 06					Registered at Ambulong (S of Luzon).
			L	06 21					
			F	10					
97	2	I_v	eP	20 29 24					
			F	32					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 12. April 2nd to 4th, 1914.

Manila, P.I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{\tau}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
98	2	I_v	eP	21 04 50					
			L	05 05					
			M_N	05 18	4	50			
			F	12					
99	2	I_v	eP	22 28 16					
			F	31					
100	3	I_v	eP	0 02 13					Registered also by the seismograph of Ambulong (S of Luzon).
			L	02 29					
			M_N	02 45	2-3	47			
			F	08					
101	3	I_v	eP	3 06 10					Do.
			L	06 26					
			M_E	06 33	2-3		53		
			F	11					
102	3	I_v	eP	5 40 00					Do.
			L	40 15					
			M_N	40 23	1-2	18			
			F	43					
103	3	I_v	eP	6 02 00					Do.
			L	02 15					
			M_E	02 22	2-3		290		
			M_N	02 26	2-3	275			
			F	18					
104	3	I_v	eP	9 14 31					End overtaken by following earthquake.
			L	14 46					
105	3	I_v	eP	9 15 44					
			L	15 59					
			F	20					
106	3	I_v	e	21 47					
			F	22 32					
107	4	I_v	eP	0 57 52					
			F	1 01					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 13. April 4th to 9th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{T}{T_0}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
108	4	I_v	eP	0 57 52					
			L	58 08					
			F	1 01					
109	4	I_v	eP	2 24 49					
			F	29					
110	4	I_v	eP	9 53 20					
			F	56					
111	4	I_v	eP	10 24 09					
			L	24 25					
			M_N	24 27	2	67			
			F	31					
112	4	I_v	eP	18 08 28					
			F	12					
113	4	I_v	eP	18 42 05					
			F	45					
114	4	I_v	eP	20 50 46					
			F	53					
115	5	I_v	eP	6 22 25					
			F	25					
116	7	I_v	eP	18 56 34					
			F	59					
117	8	I	e	12 16					
			F	35					
118	9	I_r	eP	3 46 30					
			L	54 33					
			F	4 38					
119	9	I	e	5 19.2					
			F	33					
120	9	I	eP	9 30 40					
			F	55					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 14. April 9th to 24th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14°34'41''$N. $\lambda = 120°58'33''$E. $h = 2.40$m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{\varepsilon}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

	Date	Intensity	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
121	9	I_v	eP	18 08 44					
			iL	09 10					
			M_N	09 12	2	150			
			F	16					
122	10	I_v	eP	5 52 21					
			F	55					
123	11	I_u	eP	16 39 10					
			eS	46 03	5-6				
			eL	52 56	10-11				
			M_E	57 30	17		133		
			M_N	59 09	12	105			
			F	18 52					
1	6	I	e	19 55					
			F	20 13					
	17	I_v	eP	10 54 05					
			eL	54 30					
			M_E	54 36	1		184		
			M_N	54 39	1-2	260			
			F	11 12					
		II_v	eP	3 46 37					North of Luzon.
			L	47 17					
			M_N	47 23	2-3	600			
			M_E	47 23	3-4		490		
			F	4 15					
127	20	I_u	eP	13 49 48					
			S	58 14					
			M_E	14 14 32	17		8		
			M_N	14 44	11	10			
			F	53					
128	22	I	e	7 21					
			F	32					
129	23	I	e	16 39					
			F	51					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 15. April 25th to 30th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. h = 2.40 m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{\nu}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character	Phase.	Greenwich mean time.	Period.	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
130	25	II_v	eP	14 39 07					Felt in northern Luzon.
			L	39 53					
			M_N	40 26	3-4	462			
			M_E	40 43	4-5		300		
			F	15 01					
131	27	I_v	eP	21 38 52					
			L	39 04					
			M_E	39 06	1-2		286		
			F	46					
132	28	I	e	11 40					
			F	12 08					
133	29	I_v	eP	4 37 46					
			F	46					
134	29	I_v	e	8 37					
			eS	39 12					
			eL	42 08					
			M_N	44 53	9	15			
			F	9 19					
135	30	I	e	10 16					
			F	44					

M. Cadenza M.

International Seismological Centre From the ISC collection scanned by SISMOS

No. 16. May 1st. to 19th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kgs.)

	T_0	δ	$\frac{\tau}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
136	1	I	e	5 43					
			F	6 50					
137	4	I_v	eP	4 16 46					
			L	17 04					
			F	21					
138	9	I	e	0 44 00					
			M_N	53 38	8	15			
			F	1 22					
139	12	I	eP	20 50 03					
			L	50 38					
			M_N	50 51	3	111			
			F	21 06					
140	14	I	e	0 27 32					
			F	52					
141	14	I_v	eP	20 47 15					
			L	47 29					
			F	50					
142	15	I_v	eP	12 47 05					
			L	47 23					
			F	51					
143	17	I_v	eP	7 58 00					
			L	59 17					
			M_N	59 28	4	62			
			F	8 22					
144	18	I_r	eP	3 22 01					From the Horizontal Pendulums. Time signal not working in the Wiechert seismograph.
			L	25 48					
			F	47					
145	18-19	I_r	eP	23 50 41					Do.
			L	59 06					
			F	0 24					
			M_N	21 28	11	40			

International Seismological Centre From the ISC collection scanned by SISMOS

No 17. May 19th to 25th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

φ=14° 34' 41" N. λ=120° 55' 33 E. h=2.40 m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kgs).

	T_0	ε	$\frac{r}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
146	19	I_v	eP	0 30 54					Felt in northern Luzon.
			L	31 56					From the Horizontal Pendulum: Time signal not working in the Wiechert seismograph.
			M_N	32 19	7	27			
			F	42					
147	19	I	e	4 48 25					
			M_N	56 32	8	20			From the Horizontal Pendulum. Time signal not working in the Wiechert seismograph.
			F	5 14					
148	19	I	e	6 44 46					
			F	7 05					Do.
149	19-20	I	eP	23 49 26					
			L	52 01					Do
			F	0 26					
150	20	I_v	eP	14 48 00					Felt central Luzon.
			L	48 15					
			M_E	48 23	1-2		245		
			M_N	48 25	1-2	262			
			F	15 01					
151	21	I_v	eP	4 52 50					
			L	56 21					
			F	5 23					
152	22	II_v	eP	9 53 55					Felt southern Luzon.
			L	54 07					
			M_N	55 06	4-5	1,075			
			F	10 21					
153	24	I	eP	15 02 02					
			L	04 11					
			F	14					
154	25	I	eP	3 15 03					End overtaken by following earthquake.
			eS	16 58					
			eL	19 16					
			M_E	21 00	11		53		
			M_N	21 28	11	40			

International Seismological Centre From the ISC collection scanned by SISMOS

No. 18. May 25th to 31st, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

φ=14°34'41"N. λ=120°58'33"E h=2.40m. Alluvium.

Instrument: Wiechert's static pendulum (1,000Kgs.)

	T_0	ε	$\frac{\varepsilon}{T_0}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
155	25	I_v	eP	3 25 26					
			eS	27 40					
			eL	30 01					
			M_E	31 09	11		133		
			M_N	31 42	9-10	75			
			F	4 52					
156	26	II_r	eP	14 27 46					Maximum and end in N-S component lost by the pen thrown off through by the force of shock.
			eS	30 32	5-6				
			eL	32 52	6-7				
			M_{E1}	41 15	15		1,194		
			M_{E2}	47 21	15		1,285		
			M_{E3}	53 28	13-14		1,061		
			F'	17 02					
157	27	I	e	2 15					
			F	27					
158	28	I_v	eP	6 26 49					
			L	27 04					
			F	30					
159	28	I_r	eP	9 38 03					
			L	41 48					
			F	59					
160	29	II_r	eP	4 53 03					
			iS	58 00					
			eL	5 03 41					
			M_{E1}	06 51	15		135		
			M_{N1}	07 42	12	148			
			M_{E2}	08 36	12		150		
			M_{N2}	09 27	11	130			
			F	6 10					

International Seismological Centre

No. 19. June 1st. to 19th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. (Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kgs.)

	T.	ε	$\frac{\varepsilon}{T}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
161	2	I_v	eP	3 45 22					
			L	46 10					
			F	49					
162	4	I_v	eP	3 05 57					
			L	06 19					
			F	11					
163	4	I_v	eP	15 35 28					Mindoro Sea.
			eL	36 23					
			M_N	36 48	4-5	123			
			M_E	36 52	5-6		114		
			F	16 05					
164	6	I_v	eP	11 43 44					
			iL	44 06					
			F	50					
165	7	I_v	eP	20 33 51					
			iL	36 39					
			M_N	36 45	6	43			
			F	57					
166	9	I_v	eP	5 28 00					
			L	28 24					
			M_N	28 29	3-4	18			
			F	33					
167	11	I	e	23 03					
			F	25					
168	12	I	e	8 32 36					
			F	51					
169	14	I	eP	20 21 23					
			F	36					
[illegible]		[illegible]	P	14 15 00					
				20					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 20. June 20th to 25th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kgs.)

	T_0	ε	$\frac{T}{T_0^2}$
A_N	6.4	4.4	0.045
A_E	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
171	20	I_r	eP	7 29 44					
	//		i_E	31 13	5				
			i_N	34 03	9				
			eS_E	35 14					
			eS_N	35 24					
			i_E	38 13	6				
			i_N	39 53	7				
			eL_E	40 32					
			eL_N	40 50					
			M_E	43 35	8		65		
			M_N	43 46	8	88			
			F	9 05					
172	20	I_r	eP	10 33 22					
			L	42 00					
			F	11 12					
173	20-21	I_r	eP	23 45 20					
			L	54 00					
			M_N	55 41	8	25			
			F	0 22					
174	21	I	e	9 13 25					
			F	52					
175	23	I	e	11 03 53					
			F	31					
176	25	I_v	eP	0 11 54					
			L	12 15					
			M_N	12 36	1	75			
			F	25					
177	25	II_r	eP	19 13 02					
	//		iS	17 48					
			iL	21 47					
			M_N	24 44	8	475			
			M_E	25 46	10		561		
			I	21 32					

International Seismological Centre From the ISC collection scanned by SISMOS

No. 21. June 26th to 30th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14°34'41''$ N. $\lambda = 120°58'33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum. (1,000 Kgs.)

	T_0	ε	$\frac{\tau}{T_0^2}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character.	Phase	Greenwich mean time.	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
178	26	I	e	4 59 53					End overtaken by following earthquake.
179	26	I	e	6 02 18					
			F	36					
180	28	I_v	eP	7 32 53					
			L	33 10					
			M_N	33 29	2	220			
			F	39					
181	28	I_v	eP	18 44 29					
			L	44 43					
			M_N	44 54	1	112			
			F	50					
182	30	II_v	eP	15 56 15					Northern Luzon.
			eL	56 51					
			M_E	56 56	4		989		
			M_N	57 08	3	775			
			F	16 26					
183	30	I_v	eP	17 05 28					Eastern Visayas.
			F	17					

M. Cadorna S.

International Seismological Centre From the ISC collection scanned by SISMOS

No. 22. July 1st to 6th, 1924.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14°.34'.41$ N. $\lambda = 120°.58'.33$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 kgs.)

	T_0	ε	$\frac{r}{T_0}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date.	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
184	1	I	e	11 02					
			F	16					
185	1	I_v	eP	13 55 06					
			F	58					
186	3	I_v	eP	0 22 42					Southern Formosa.
			L	24 27					
			M_N	25 14	5	62			
			F	57					
187	3	I_v	eP	10 24 52					
			F	31					
188	3	I	e	20 02					
			F	30					
189	4	II_v	eP	17 52 00					
			iS	54 52					
			eL	57 25					
			M_E	18 03 50	7		44		
			F	19 06					
190	4-5	II_v	eP	23 43 27					
			iL	47 08					
			N_N	47 14	6	143			
			M_E	47 14	5		380		
			F	0 23					
191	5	I_v	eP	21 56 06					
			L	22 00 27					
			M_E	01 15	7		82		
			M_N	03 31	7	48			
			F	54					
192	6	I_v	eP	6 17 40					
			L	13 20					
			F	22					

International Seismological Centre

International Seismological Centre

No. 23. July 6th to 19th, 1914.

Manila, P.I.

Seismological Bulletin of the Observatory.

$\varphi = 14°34'41''$ N. $\lambda = 120°58'33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kgs.)

	T_0	δ	$\frac{T}{T_0}$
A_N	6.4	4.4	0.045
A_E	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
193	6	II_T	eP	6 39 51					Eastern Formosa.
			iS_E	41 53					
			iS_N	42 10					
			iL	43 48					
			M_E	44 44	6		117		
			M_N	45 05	7	81			
			F	7 21					
194	6	I_v	eP	11 08 09					
			L	08 31					
			M_E	09 49	4		35		
			F	15					
195	9	I_v	eP	11 58 11					
			L	58 23					
			F	15 01					
196	13	I_v	eP	22 15 22					
			L	15 44					
			F	19					
197	14	I_v	e	3 16 07					
			eL	30 46					
			M_N	36 00	10	14			
			F	4 43					
198	14	I_v	eP	6 35 27					
			L	35 45					
			F	39					
199	15	I_v	eP	16 53 31					
			iL	53 44					
			F	17 05					
200	16	I	e	11 41					
			F	59					
201	17	I	e	7 17 22					
			F	8 15					
202	19	I_v	eP	9 21 48					
			F	43					

International Seismological Centre

No. 24. July 20th to 31st, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14°34'41''$N. $\lambda = 120°58'33''$E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{\lambda}{T_0}$
A_N:	6.4	4.4	0.045
A_E:	6.3	3.5	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
203	20	I	e	12 32 16					
			F	42					
204	20	I	e	13 44					
			F	55					
205	25	I_v	eP	20 11 42					
			L	12 23					
			F	18					
206	25	I_v	eP	20 21 05					Northern Luzon
			L	21 53					
			N*	22 23	3	9			
			F	31					
207	29	I	e	6 57					
			F	7 18					

M. Saderra M.

No. 25. August 1st to 11th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{T}{T_0 L}$
A_N:	9.0	3.31	0.039
A_E:	6.2	2.58	0.052

No.	Date	Character	Phase	Hour	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
208	1	I_v	eP	22 33 44					
			L	34 18					
			F	37					
209	2	I_v	eP	19 23 54					Cuyo Island.
			F	38					
210	3	I_v	eP	4 16 41					Northeastern Luzon.
			L	18 19					
			M_N	20 37	6	30			
			F	43					
211	4	I_v	eP	14 42 13					
			L	42 30					
			F	46					
212	4-5	II_r	eP	22 48 53					
			eS	54 45					
			iL	23 01 08					
			M_E	04 48	12		394		
			M_N	06 32	11	662			
			F	0 56					
213	5	I	e	10 44					
			F	11 22					
214	6	I_r	eP	4 14 40					
			iS	17 52					
			iL	19 49					
			M_E	21 32	5		33		
			M_N	21 57	6	50			
			F	5 07					
215	6	I	e	19 19 51					
			F	30					
216	7	I	e	6 13 29					
			F	26					
217	8	I_v	eP	17 30 00					
			L	30 51					
			F	41					

International Seismological Centre

August 12th to 31st 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{\gamma}{T_0^2}$
A_N:	9.0	3.31	0.039
A_E:	6.2	2.58	0.082

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
				h. m. s.					
218	12	I_v	eP	12 46 54					
			L	47 14					
			M_E	47 17	2		59		
			F	52					
219	12	I_v	eP	19 38 00					Batangas (S of Luzon).
			L	38 10					
			F	42					
22[illegible]	14	I_v	e	19 57 46					
			L	03 00					
			M_N	05 45	9	14			
			F	32					
221	15	I_v	eP	21 56 20					
			F	59					
222	17	I_v	eP	18 58 51					
			F	19 03					
223	17	I_v	eP	19 42 47					Cuyo Island.
			L	43 24					
			M_E	44 07	3		26		
			F	52					
224	19	II_v	eP	11 53 30					Northern Luzon.
			iS	54 10					
			eL	54 55					
			M_N	56 24	7	237			
			F	12 19					
225	26	I_v	eP	7 03 57					Northeastern Luzon.
			L	04 44					
			M_N	04 52	3	19			
			F	14					
226	29	I	e	17 26 24					
			L	32 00					
			M_N	33 47	8	16			
			F	18 03					
22[illegible]	[illegible]1	I_v	eP	7 53 [illegible]					Western Luzon.
			L	53 23					
			M_N	53 33	1	13			
			F	57					

No. 27. September 1st to 18th, 1914.

Manila, P.I.

Seismological Bulletin of the Observatory.

φ=14°34'41".N. λ=120°58'33"E. h=2.40m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.).

	T_0	ε	$\frac{\gamma}{T_0^2}$
A_N:	9.0	3.31	0.039
A_E:	6.2	2.58	0.082

No.	Date	Character	Phase	Greenwich mean time.	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
228	2	I_v	eP	20 21 55					
			L	25 26					
			M_N	27 32	13	16			
			F	21 30					
229	5-6	I_v	eP	23 21 00					
			S	24 27					
			L	27 54					
			M_E	28 43	7		14		
			F	0 06					
230	7	I	e	22 10					
			F	23					
231	8	I_v	eP	9 47 39					
			L	47 58					
			F	51					
232	11	I_v	eP	2 49 35					
			L	50 44					
			M_E	50 54	5		27		
			F	57					
233	12	I_v	eP	10 03 29					
			L	05 55					
			M_N	06 10	7	13			
			F	20					
234	14	I_v	iP	5 56 53					
			F	59					
235	14	I_v	eP	23 51 39					
			L	58 42					
			M_N	0 02 31	9	27			
			F	1 02					
236	17	II_v	eP	12 46 31					Masbate Island.
			L	47 15					
			M_E	49 19	7		248		
			M_N	50 33	7	218			
			F	13 28					
237	17	I_v	eP	15 30 57					
			L	33 39					
			M_E	34 47	5		26		
			F	58					

September 19th to 30th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{\tau}{T_0^2}$
A_N:	9.0	3.31	0.039
A_E:	6.0	2.58	0.082

No.	Date	Char.	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
238	19	I_v	eP	7 57 33					
			L	57 49					
			M_E	57 51	1		28		
			F	8 01					
239	20	I	e	8 35 20					
			F	47					
240	21	I_v	eP	9 07 00					
			F	10					
241	22	I_v	eP	15 37 15					Southern Luzon.
			L	37 30					
			M_N	37 32	2	52			
			M_E	38 54	5		36		
			F	43					
242	23	I_v	eP	1 51 26					
			L	52 00					
			M_E	52 04	5		30		
			M_N	52 49	6	23			
			F	2 12					
243	23	I_v	eP	4 17 57					
			F	21					
244	27	I_v	eP	10 20 06					
			L	20 21					
			F	22					
245	27	I_v	eP	22 35 40					
			F	37					
246	27	I_v	eP	22 47 00					
			F	49					
247	28	I_v	eP	0 07 02					
			F	09					
248	30	I_v	eP	18 20 34					
			F	23					
249	30	I_v	eP	22 21 29					Catanduanes Island and northern Samar.
			L	22 38					
			M_E	22 43	5		22		
			F	36					

No. 29. October 1st to 8th, 1914

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{T}{T_0^2}$
A_N	9.0	3.31	0.039
A_E	6.2	2.58	0.082

No.	Date	Character	Phase	Greenwich mean time h.	m.	s.	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
250	3	I_v	eP	3	16	07					
			F		18						
251	3	I_v	eP	7	14	08					
			L		14	37					
			M_E		14	52	3		11		
			F		19						
252	3	II_u	eP	17	42	02					
			S?		54	22					
			M_E	18	38	18	28		4		
			F	19	07						
253	3	II_u	eP	22	19	33					Turkish earthquake.
			S		29	53					
			L		41	16					
			M_N		59	00	18	3			
			M_E		59	58	20		11		
			F	23	52						
254	4	I_v	eP	9	29	09					
			L		32	18					
			M_E		32	23	5		18		
			M_N		33	15	6	13			
			F		57						
255	5	I_v	eP	7	24	54					
			L		25	11					
			F		28						
256	6	I	e	2	54	49					
			F	3	16						
257	6	I_v	eP	3	30	36					Legaspi (SE of Luzon).
			L		31	12					
			M_E		31	50	3		9		
			F		38						
258	6	I	e	19	27	42					
			F		33						

No. 30. October 9th to 20th, 1914.

International Seismological Centre

Manila, P.I.

Seismological Bulletin of the Observatory.

$\varphi = 14°34'41''$ N. $\lambda = 120°58'33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kgs.)

	T_0	ε	$\frac{T}{T_0^2}$
A_N:	9.0	3.31	0.039
A_E:	6.2	2.58	0.082

No.	Date	Character	Phase	Greenwich mean time h	m	s	Period	Amplitude A_N μ	A_E μ	Δ	Remarks.
259	9	I_r	eP	2	47	52					
			eS		56	04					
			eL	3	05	18					
			M_N		08	00	12	6			
			F		56						
260	11	I_v	eP	16	22	36					
			L		23	48					
			F		40						
261	13	I_v	eP	20	12	15					
			F		14						
262	14		eP	11	02	00					
			L		05	09					
			F		36						
263	16	I_v	eP	13	37	39					
			L		37	52					
			M_E		38	08	1		15		
			F		41						
264	17	I_v	eP	11	16	46					
			L		17	05					
			M_N		17	15	2	12			
			F		20						
265	18	I_v	eP	14	29	23					
			F		31						
266	20	I_v	eP	15	52	26					
			L		53	16					
			F	16	01						
267	23	II_r	eP	6	21	50					Origin off SE Mindanao.
			iS		24	38					
			iL		28	00					
			M_E		36	20	9		308		
			F	8	12						
268	25	I_v	eP	18	38	34					
			F		41						

International Seismological Centre

No. 31. October 25 to 31, 1914.

Manila, P.I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	$\frac{T}{T_0}$	ε	$\frac{T}{T_0 \varepsilon}$
A_N:	7.6	2.31	0.039
A_E:	6.2	2.58	0.082

No	Date	Character	Phase	Greenwich mean time h.	m.	s.	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
269	25	I_v	eP	18	46	45					
			F		49						
270	25	I_v	eP	20	15	23					
			L		16	13					
			F		21						
271	25	I_v	eP	20	50	19					
			F		53						
272	26	I_v	eP	10	21	30					
			L		21	46					
			F		24						
273	26	I_v	eP	12	58	40					Cotabato (SW of Mindanao).
			L	13	00	24					
			M_N		02	27	6	2			
			F		21						
274	28	I_r	eP	0	28	19					
			F	1	07						
275	31	I_v	eP	13	01	00					Vigan (NW of Luzon).
			F		04						

M. Cuadra M.

No. 32. November 1st to 10th 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 35''$ E $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kgr.)

	T_0	ε	$\frac{1}{T_0^2}$
A_N:	9.0	3.31	0.039
A_E:	6.2	2.58	0.082

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
				h. m. s.					
276	1	I_v	eP	1 36 00					Cimco (W of Leyte).
			L	37 11					
			M_N	38 04	11	2			
			F	48					
277	1	II_v	eP	5 50 24					NW of Luzon.
			L	51 06					
			M_N	51 37	5	39			
			M_E	51 53	5		51		
			F	6 03					
278	1	I_v	eP	7 39 03					
			L	39 26					
			F	41					
279	1	I	eP	22 09 44					
			F	15					
280	3	I	eP	5 39 53					
			F	46					
281	3	I	eP	5 48 24					
			F	56					
282	3	I	eP	12 30 40					
			F	37					
283	6	I	e	1 53					
			F	2 22					
284	6	I_v	eP	6 23 16					
			L	23 43					
			F	28					
285	7	II_r	eP	6 41 42					
			L	45 47					
			M_N	46 32	7	47			
			M_E	46 36	6		116		
			F	7 37					
286	8	I	e	11 29 48					
			F	49					
287	8	I	e	12 02 40					
			F	37					
288	9	I_v	eP	17 35 00					
			L	35 16					
			F	39					
289	10	I	e	6 43 43					
			M_E	57 40	9		3		
			F	7 17					

No. 33. November 11th to 24th, 1914.

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kgs)

	T_0	ε	$\frac{T}{T_0^2}$
A_N:	9.0	3.31	0.039
A_E:	6.2	2.58	0.082

No.	Date	Intensity	Phase	Greenwich time h.	m.	s.	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
290	13	I_v	eP	14	49	45					
			L		50	01					
			F		55						
291	14	I_v	eP	9	11	51					
			L		12	05					
			F		14						
292	16	I_v	eP	11	35	00					
			L		35	20					
			F		39						
293	16	I_v	eP	14	08	20					
			L		08	36					
			F		12						
294	17	II_v	eP	7	47	11					Legaspi (SE of Luzon).
			L		47	56					
			M_E		48	38	4		60		
			M_N		45	42	4-5	60			
			F	8	04						
295	19	I_v	eP	1	53	29					
			L		53	35					
			F		57						
296	19	I_v	eP	3	43	00					NE of Luzon.
			L		43	44					
			M_N		44	42	3	10			
			F		51						
297	21	I_v	eP	14	54	00					
			S		56	44					
			L		59	31					
			M_N	15	03	26	11	9			
			F	16	14						
298	22	I_v	eP	9	25	35					
			S		30	22					
			L		34	48					
			M_E		36	42	11		26		
			M_N		37	04	10	13			
			F	9	54						
299	22	I_v	eP	13	22	24					
			L		22	39					
			F		26						
300	24	I	eP	1	14	25					
			F		30						

No. 34. November 24th to 30th, 1914

Manila, P.I.

Seismological Bulletin of the Observatory.

$\delta = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kgs.)

	T_0	ε	$\frac{T}{T_0^2}$
A_N:	9.0	3.31	0.039
A_E:	6.2	2.56	0.082

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
				h. m. s.					
301	24	II_r	e_L^D	11 55 14					Felt in Guam (Mariana Islands).
			S_N	12 02 15	5-6				
			S_E	02 56	5				
			L_E	06 06	7-8				
			L_N	06 28	9-10				
			M_N	09 06	10-11	273			
			M_E	09 06	9-10		234		
			F	14 02					
302	28	I_v	eP	4 04 16					Gubat (SE of Luzon).
			L	05 02					
			F	10					
303	28	I	e	4 27 00					
			F	33					
304	28	II_r	eP	10 49 41					
			S	53 22					
			L	56 18					
			M_E	11 00 50	13		26		
			M_N	01 06	10	28			
			F	12 08					
305	28	I_r	eP	13 23 57					
			S	27 25					
			L	30 42					
			F	14 12					
306	29	II_v	eP	5 03 15					
			S	04 46					
			L	06 02					
			M_N	06 10	8	133			
			M_E	07 09	7		164		
			F	42					
307	30	I_v	eP	16 26 00					NE of Mindanao.
			F	40					

No. 35. December 1st to 18th, 1918

Manila, P. I.

Seismological Bulletin of the Observatory.

$\varphi = 14° 34' 41''$ N. $\lambda = 120° 58' 33''$ E. $h = 2.40$ m. Alluvium.

Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{\varepsilon}{T_0^2}$
A_N:	9.0	3.31	0.037
A_E:	6.2	2.58	0.052

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
308	2	I_v	eP	22 35 05					
			F	38					
309	2	I_v	eP	22 47 00					
			F	49					
310	7	I_v	eP	12 23 15					W of Luzon.
			L	23 40					
			M_N	24 02	1	2			
			F	28					
311	7	I_v	eP	15 24 21					
			L	24 34					
			F	27					
312	9	I_v	eP	7 06 49					
			F	07					
313	10	I_v	e	18 31 56					Southern Mindanao, probable origin NE Celebes Sea.
			L	34 19					
			M_N	35 42	7	9			
			F	55					
314	14	I_v	eP	22 26 05					Samar and Leyte. Origin in the Philippine Deep.
			L	27 15					
			M_E	27 38	6		26		
			F	42					
315	15	I_v	eP	19 56 22					North of Nueva Vizcaya.
			L	56 49					
			F	59					
316	16	I_v	eP	1 54 32					
			L	56 56					
			M_N	59 31	10	8			
			F	2 27					
317	16	I_v	eP	3 58 00					
			F	4 01					
318	18	I	e	22 46 57					
			F	58					

No. 36. December 19th to 31st, 1904.

Manila, P. I.

Seismological Bulletin of the Observatory.

φ = 14° 34′ 41″ N. λ = 120° 58′ 33″ E. h = 2.40 m. Alluvium.

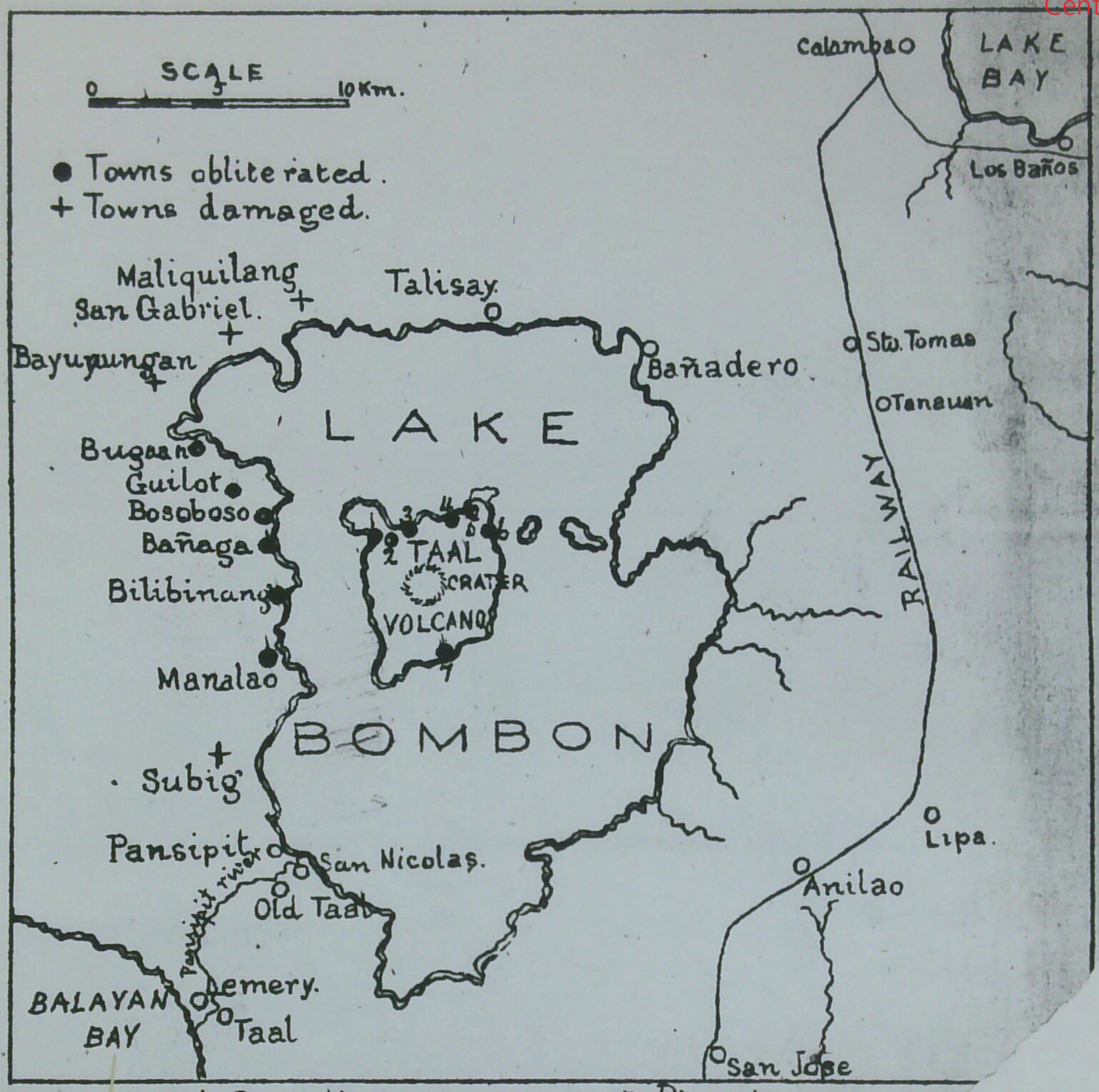
Instrument: Wiechert's static pendulum (1,000 Kg.)

	T_0	ε	$\frac{\varepsilon}{T_0^2}$
A_N:	9.0	3.31	0.039
A_E:	6.2	2.55	0.082

No.	Date	Character	Phase	Greenwich mean time	Period	Amplitude A_N μ	Amplitude A_E μ	Δ	Remarks.
319	19	II_v	eP	19 25 33					Central Luzon. Maximum and end in N-S component lost by the force of the shock.
			L	25 53					
			M_E	26 14	2		474		
			F	44					
320	20	I_v	e	14 20 25					
			F	15 22					
321	21	I_v	eP	17 25 44					
			L	26 08					
			M_N	26 25	1	32			
			F	32					
322	22	I_v	eP	0 14 45					
			F	17					
323	22	I_v	e	9 02 30					
			F	24					
324	22	I_v	eP	20 31 24					
			F	33					
325	24	I_v	eP	13 10 40					
			F	13					
326	24	I_v	eP	17 56 36					
			F	18 00					
327	25	I_v	eP	9 23 18					Northeastern Luzon.
			L	24 17					
			M_N	24 34	2	14			
			F	39					
328	28	I_v	eP	11 49 07					
			L	49 23					
			M_N	49 49	2	42			
			F	55					
329	30	I_v	eP	11 26 00					
			L	26 17					
			M_E	26 20	2		27		
			F	31					

International Seismological Centre

SKETCH-MAP OF THE TAAL VOLCANO REGION



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